

Subpart 39.1—General

39.101 Policy.

(a) Division A, Section 101(h), Title VI, Section 622 of the Omnibus Appropriations and Authorization Act for Fiscal Year 1999 (Pub. L. 105-277) requires that agencies may not use appropriated funds to acquire information technology that does not comply with 39.106, unless the agency's Chief Information Officer determines that noncompliance with 39.106 is necessary to the function and operation of the agency or the acquisition is required by a contract in effect before October 21, 1998. The Chief Information Officer must send to the Office of Management and Budget a copy of all waivers for forwarding to Congress.

(b)(1) In acquiring information technology, agencies shall identify their requirements pursuant to—

(i) OMB Circular A-130, including consideration of security of resources, protection of privacy, national security and emergency preparedness, accommodations for individuals with disabilities, and energy efficiency;

(ii) Electronic Product Environmental Assessment Tool (EPEAT) standards (see 23.704);

(iii) Policies to enable power management, double-sided printing, and other energy-efficient or environmentally preferable features on all agency electronic products; and

(iv) Best management practices for energy-efficient management of servers and Federal data centers.

(2) When developing an acquisition strategy, contracting officers should consider the rapidly changing nature of information technology through market research (see Part 10) and the application of technology refreshment techniques.

(c) Agencies must follow OMB Circular A-127, Financial Management Systems, when acquiring financial management systems. Agencies may acquire only core financial management software certified by the Joint Financial Management Improvement Program.

(d) In acquiring information technology, agencies shall include the appropriate information technology security policies and requirements, includ-

ing use of common security configurations available from the National Institute of Standards and Technology's Web site at <http://checklists.nist.gov>. Agency contracting officers should consult with the requiring official to ensure the appropriate standards are incorporated.

(e) When acquiring information technology using Internet Protocol, agencies must include the appropriate Internet Protocol compliance requirements in accordance with 11.002(g).

[61 FR 41470, Aug. 8, 1996, as amended at 64 FR 32748, June 17, 1999; 64 FR 72446, Dec. 27, 1999; 70 FR 57452, Sept. 30, 2005; 72 FR 73217, Dec. 26, 2007; 73 FR 10968, Feb. 28, 2008; 74 FR 65607, Dec. 10, 2009; 76 FR 31401, May 31, 2011]

39.102 Management of risk.

(a) Prior to entering into a contract for information technology, an agency should analyze risks, benefits, and costs. (See part 7 for additional information regarding requirements definition.) Reasonable risk taking is appropriate as long as risks are controlled and mitigated. Contracting and program office officials are jointly responsible for assessing, monitoring and controlling risk when selecting projects for investment and during program implementation.

(b) Types of risk may include schedule risk, risk of technical obsolescence, cost risk, risk implicit in a particular contract type, technical feasibility, dependencies between a new project and other projects or systems, the number of simultaneous high risk projects to be monitored, funding availability, and program management risk.

(c) Appropriate techniques should be applied to manage and mitigate risk during the acquisition of information technology. Techniques include, but are not limited to: prudent project management; use of modular contracting; thorough acquisition planning tied to budget planning by the program, finance and contracting offices; continuous collection and evaluation of risk-based assessment data; prototyping prior to implementation; post implementation reviews to determine actual project cost, benefits and returns; and focusing on risks and returns using quantifiable measures.